1 <u>**CLAIMS**</u>

2 What is claimed:

3   1.   A method of deploying computer code for a feature within a network,

4 comprising:

5   searching locally for the code for the feature;

6   requesting the code for the feature from a server component in the

7 network;

8   receiving the code for the feature from the server component; and

9   activating the feature.

10   2.   The method of claim 1, further comprising establishing a need for the code

11 for the feature.

12   3.   The method of claim 2, wherein establishing a need for the code for the

13 feature is based on a request for the feature.

14   4.   The method of claim 1, wherein the feature comprises at least one sub-

15 feature.

16   5.   The method of claim 4, wherein the sub-feature may be used with other

17 features.

18   6.   The method of claim 1, wherein the code received from the server

19 component for the feature is an upgrade to an existing feature.

20   7.   The method of claim 6, further comprising upgrading other existing

21 features based on the code received from the server component for the feature.

1   8.   The method of claim 1, wherein activating the feature comprises

2   activating all resources associated with the feature.

3   9.   The method of claim 1, wherein the code for the feature received from the

4   server component is a mapping.

5   10.   The method of claim 1, wherein requesting the code for the feature from a

6   server component in the network includes at least one restriction on the feature.

7   11.   The method of claim 10, wherein the at least one restriction on the feature

8   is set by a user.

9   12.   A method of deploying computer code for a feature within a network,

10   comprising:

11   searching locally for the code for the feature, wherein the feature

12   comprises a plurality of sub-features; and

13   requesting the code for at least one sub-feature from a server component

14   within the network.

15   13.   The method of claim 12, further comprising:

16   requesting the code for the feature from the sever component within the

17   network; and

18   receiving information from the server component within the network

19   about the sub-features.

20   14.   The method of claim 12, further comprising receiving code for the at least

21   one sub-feature requested from the server component within the network.

1   15.   The method of claim 12, further comprising receiving a mapping for the at

2   least one sub-feature requested from the server component within the network.

3   16.   The method of claim 14, further comprising receiving a mapping for the at

4   least one sub-feature requested from the server component within the network.

5   17.   A method of deploying computer code for a feature within a network,

6   comprising:

7   receiving a request for the code for the feature from a first component

8   within the network;

9   searching locally for the code for the feature; and

10   requesting the code for the feature from a second component in the

11   network.

12   18.   The method of claim 17, further comprising receiving the code for the

13   feature from the second component within the network.

14   19.   The method of claim 18, further comprising determining whether the first

15   component has capability to process the code for the feature.

16   20.   The method of claim 19, wherein capability to process the code for the

17   feature is based on a type of processor on the first component.

18   21.   The method of claim 19, wherein capability to process the code for the

19   feature is based on memory space on the first component.

20   22.   The method of claim 19, wherein capability to process the code for the

21   feature is based on an operating system on the first component.

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1   23.   The method of claim 18, further comprising transferring the code for the

2   feature to the first component within the network.

3   24.   The method of claim 23, further comprising encrypting the code for the

4   feature before transferring the code for the feature to the first component within the network.

5   25.   The method of claim 23, further comprising digitally signing the code for

6   the feature before transferring the code for the feature to the first component within the network.

7   26.   The method of claim 23, further comprising storing locally the code for

8   the feature.

9   27.   A method of deploying computer code for a feature within a network,

10   comprising:

11   receiving a request for the code for the feature from a component within

12   the network;

13   searching locally for the code for the feature; and

14   transferring the code for the feature to the component within the network.

15   28.   The method of claim 27, wherein the code for the feature transferred to the

16   component within the network is a mapping.

17   29.   The method of claim 27, wherein the feature comprises separate versions.

18   30.   The method of claim 29, further comprising determining a version of the

19   code for the feature to transfer to the component within the network.

20   *31.*   The method of claim 30, wherein determining a version of the code for the

21   feature to transfer to the component within the network is based on a restriction.

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1   32.   A method of deploying computer code for a feature within a network,

2   comprising:

3   searching locally for the code for the feature, wherein the feature

4   comprises a plurality of sub-features;

5   requesting the code for at least one sub-feature from a server component in

6   the network;

7   receiving code for at least one sub-feature from the server component; and

8   activating the at least one sub-feature received from the server component.

9   33.   The method of claim 32, wherein at least one sub-feature received from

10   the server component is a mapping.

11   34.   A method of deploying computer code for a feature within a network,

12   comprising:

13   receiving a request for the code for the feature from a component within

14   the network, wherein the feature comprises at least one sub-feature;

15   searching locally for the code for the at least one sub-feature; and

16   determining whether the component has capability to process code for any

17   sub-features of the feature.

18   35.   The method of claim 34, further comprising transferring the code for the at

19   least one sub-feature to the component within the network.

20   36.   The method of claim 35, wherein the code for the at least one sub-feature

21   transferred to the component within the network is a mapping.

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1   37.   The method of claim 34, further comprising transferring some of the code

2   for sub-features of the feature to the component within the network.

3   38.   The method of claim 37, further comprising transferring code for a

4   mapping to the component within the network.

5   39.   The method of claim 34, wherein capability to process code for any sub-

6   features of the feature is based on a type of processor on the component.

7   40.   The method of claim 34, wherein capability to process code for any sub-

8   features of the feature is based on memory space on the component.

9   41.   The method of claim 34, wherein capability to process code for any sub-

10   features of the feature is based on an operating system on the component.

11   42.   The method of claim 34, wherein the request for the code for the feature

12   includes at least one restriction on the feature.

13   43.   The method of claim 34, wherein the at least one sub-feature comprises

14   separate versions.

15   44.   The method of claim 43, further comprising:

16   determining a version of the code for the at least one sub-feature to

17   transfer to the component within the network; and

18   transferring the version of the code for the at least one sub-feature to the

19   component within the network.

20   45.   A method of deploying computer code for a feature within a network,

21   comprising:

22   receiving code for a feature;

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1   determining whether a client needs the feature; and

2   transferring the code for the feature to at least one client.

3   46.   The method of claim 45, wherein the feature is an upgrade to an old

4   feature.

5   47.   The method of claim 45, further comprising transferring code for a

6   mapping to the at least one client.

7   48.   The method of claim 45, wherein the code transferred is a mapping.

8   49.   The method of claim 45, wherein the feature is a sub-feature.

9   50.   A method of deploying computer code for a feature within a network,

10   comprising:

11   receiving a request for the code for the feature, wherein the feature

12   comprises a plurality of sub-features;

13   searching locally for the code for the feature;

14   requesting the code for the feature from a server component within the

15   network;

16   receiving information from the server component within the network

17   about the sub-features;

18   searching locally for the code for the sub-features;

19   requesting the code for at least one sub-feature from the server component

20   within the network;

21   receiving the code for the at least one sub-feature from the server

22   component within the network; and

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1   activating the at least one sub-feature.

2   51.   A method of deploying computer code for a feature within a network,

3 comprising:

4   receiving a request for the code for the feature from a first component

5 within the network, wherein the feature comprises a plurality of sub-features;

6   sending information to the first component about the sub-features;

7   receiving a request for the code for at least one sub-feature from the first

8 component within the network;

9   searching locally for the code for the at least one sub-feature; and

10   requesting the code for the at least one sub-feature from a second

11 component in the network.

12   52.   A system for deploying computer code for a feature within a network,

13 comprising:

14   means for searching locally for the code for the feature;

15   means for requesting the code for the feature from a server component in

16 the network;

17   means for receiving the code for the feature from the server component;

18 and

19   means for activating the feature.

20   53.   The system of claim 52, wherein the feature comprises at least one sub-

21 feature.

22   54.   The system of claim 53, wherein the sub-feature may be used with other

23 features.

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1   55.   The system of claim 52, wherein the code received from the server

2   component for the feature is an upgrade to an existing feature.

3   56.   The system of claim 55, further comprising means for upgrading other

4   existing features based on the code received from the server component for the feature.

5   57.   The method of claim 52, wherein the means for requesting the code for the

6   feature from a server component in the network includes at least one restriction on the feature.

7   58.   A system for deploying computer code for a feature within a network,

8   comprising:

9   means for searching locally for the code for the feature, wherein the

10   feature comprises a plurality of sub-features; and

11   means for requesting the code for at least one sub-feature from a server

12   component within the network.

13   59.   A system for deploying computer code for a feature within a network,

14   comprising:

15   means for receiving a request for the code for the feature from a first

16   component within the network;

17   means for searching locally for the code for the feature; and

18   means for requesting the code for the feature from a second component in

19   the network.

20   60.   The system of claim 59, further comprising means for receiving the code

21   for the feature from the second component within the network.

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1   61.   The system of claim 60, further comprising means for determining

2   whether the first component has capability to process the code for the feature.

3   62.   The system of claim 60, further comprising means for transferring the

4   code for the feature to the first component within the network.

5   63.   A system for deploying computer code for a feature within a network,

6   comprising:

7   means for receiving a request for the code for the feature from a

8   component within the network;

9   means for searching locally for the code for the feature; and

10   means for transferring the code for the feature to the component within the

11   network.

12   64.   The system of claim 63, wherein the feature comprises separate versions.

13   65.   The system of claim 64, further comprising means for determining a

14   version of the code for the feature to transfer to the component within the network.

15   *66.*   The system of claim 65, wherein the means for determining a version of

16   the code for the feature to transfer to the component within the network is based on a restriction.

17   67.   A system for deploying computer code for a feature within a network,

18   comprising:

19   means for searching locally for the code for the feature, wherein the

20   feature comprises a plurality of sub-features;

21   means for requesting the code for at least one sub-feature from a server

22   component in the network;

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1   means for receiving code for at least one sub-feature from the server

2   component; and

3   means for activating the at least one sub-feature received from the server component.

4   68.   A system for deploying computer code for a feature within a network,

5   comprising:

6   means for receiving a request for the code for the feature from a

7   component within the network, wherein the feature comprises at least one sub-feature;

8   means for searching locally for the code for the at least one sub-feature;

9   and

10   means for determining whether the component has capability to process

11 code for any sub-features of the feature.

12   69.   A system for deploying computer code for a feature within a network,

13 comprising:

14   means for receiving code for a feature;

15   means for determining whether a client needs the feature; and

16   means for transferring the code for the feature to at least one client.

17   70.   A system for deploying computer code for a feature within a network,

18 comprising:

19   means for receiving a request for the code for the feature, wherein the

20 feature comprises a plurality of sub-features;

21   means for searching locally for the code for the feature;

22   means for requesting the code for the feature from a server component

23 within the network;

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1   means for receiving information from the server component within the

2 network about the sub-features;

3   means for searching locally for the code for the sub-features;

4   means for requesting the code for at least one sub-feature from the server

5 component within the network;

6   means for receiving the code for the at least one sub-feature from the

7 server component within the network; and

8   means for activating the at least one sub-feature.

9   71.   A system for deploying computer code for a feature within a network,

10 comprising:

11   means for receiving a request for the code for the feature from a first

12 component within the network, wherein the feature comprises a plurality of sub-features;

13   means for sending information to the first component about the sub-

14 features;

15   means for receiving a request for the code for at least one sub-feature from

16 the first component within the network;

17   means for searching locally for the code for the at least one sub-feature;

18 and

19   means for requesting the code for the at least one sub-feature from a

20 second component in the network.

21   72.   An article of manufacture for causing a computer to deploy computer code

22 for a feature within a network, comprising:

1   means for causing the computer to search locally for the code for the

2   feature;

3   means for causing the computer to request the code for the feature from a

4   server component in the network;

5   means for causing the computer to receive the code for the feature from

6   the server component; and

7   means for causing the computer to activate the feature.

8   73.   An article of manufacture for causing a computer to deploy computer code

9   for a feature within a network, comprising:

10   means for causing the computer to search locally for the code for the

11   feature, wherein the feature comprises a plurality of sub-features; and

12   means for causing the computer to request the code for at least one sub-

13   feature from a server component within the network.

14   74.   An article of manufacture for causing a computer to deploy computer code

15   for a feature within a network, comprising:

16   means for causing the computer to receive a request for the code for the

17   feature from a first component within the network;

18   means for causing the computer to search locally for the code for the

19   feature; and

20   means for causing the computer to request the code for the feature from a

21   second component in the network.

22   75.   An article of manufacture for causing a computer to deploy computer code

23   for a feature within a network, comprising:

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1   means for causing the computer to receive a request for the code for the

2   feature from a component within the network;

3   means for causing the computer to search locally for the code for the

4   feature; and

5   means for causing the computer to transfer the code for the feature to the

6   component within the network.

7   76.   An article of manufacture for causing a computer to deploy computer code

8   for a feature within a network, comprising:

9   means for causing the computer to search locally for the code for the

10   feature, wherein the feature comprises a plurality of sub-features;

11   means for causing the computer to request the code for at least one sub-

12   feature from a server component in the network;

13   means for causing the computer to receive code for at least one sub-feature

14   from the server component; and

15   means for causing the computer to activate the at least one sub-feature received from the server

16   component.

17   77.   An article of manufacture for causing a computer to deploy computer code

18   for a feature within a network, comprising:

19   means for causing the computer to receive a request for the code for the

20   feature from a component within the network, wherein the feature comprises at least one sub-

21   feature;

22   means for causing the computer to search locally for the code for the at

23   least one sub-feature; and

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1   means for causing the computer to determine whether the component has

2   capability to process code for any sub-features of the feature.

3   78.   An article of manufacture for causing a computer to deploy computer code

4   for a feature within a network, comprising:

5   means for causing the computer to receive code for a feature;

6   means for causing the computer to determine whether a client needs the

7   feature; and

8   means for causing the computer to transfer the code for the feature to at

9   least one client.

10   79.   An article of manufacture for causing a computer to deploy computer code

11   for a feature within a network, comprising:

12   means for causing the computer to receive a request for the code for the

13   feature, wherein the feature comprises a plurality of sub-features;

14   means for causing the computer to search locally for the code for the

15   feature;

16   means for causing the computer to request the code for the feature from a

17   server component within the network;

18   means for causing the computer to receive information from the server

19   component within the network about the sub-features;

20   means for causing the computer to search locally for the code for the sub-

21   features;

22   means for causing the computer to request the code for at least one sub-

23   feature from the server component within the network;

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1   means for causing the computer to receive the code for the at least one

2   sub-feature from the server component within the network; and

3   means for causing the computer to activate the at least one sub-feature.

4   80.   An article of manufacture for causing a computer to deploy computer code

5   for a feature within a network, comprising:

6   means for causing the computer to receive a request for the code for the

7   feature from a first component within the network, wherein the feature comprises a plurality of

8   sub-features;

9   means for causing the computer to send information to the first component

10   about the sub-features;

11   means for causing the computer to receive a request for the code for at

12   least one sub-feature from the first component within the network;

13   means for causing the computer to search locally for the code for the at

14   least one sub-feature; and

15   means for causing the computer to request the code for the at least one

16   sub-feature from a second component in the network.

17   81.   A system for deploying computer code for a feature within a network, the

18   system comprising:

19   a storage device storing a program;

20   a processor in communication with the storage device, the processor

21   operative with the program to:

22   search locally for the code for the feature;

23   request the code for the feature from a server component in the network;

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1   receive the code for the feature from the server component; and

2   activate the feature.

3   82.   A system for deploying computer code for a feature within a network, the

4   system comprising:

5   a storage device storing a program;

6   a processor in communication with the storage device, the processor

7   operative with the program to:

8   search locally for the code for the feature, wherein the feature comprises a

9   plurality of sub-features; and

10   request the code for at least one sub-feature from a server component

11   within the network.

12   83.   A system for deploying computer code for a feature within a network, the

13   system comprising:

14   a storage device storing a program;

15   a processor in communication with the storage device, the processor

16   operative with the program to:

17   receive a request for the code for the feature from a first component within

18   the network;

19   search locally for the code for the feature; and

20   request the code for the feature from a second component in the network.

21   84.   A system for deploying computer code for a feature within a network, the

22   system comprising:

23   a storage device storing a program;

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1   a processor in communication with the storage device, the processor

2   operative with the program to:

3   receive a request for the code for the feature from a component within the

4   network;

5   search locally for the code for the feature; and

6   transfer the code for the feature to the component within the network.

7   85.   A system for deploying computer code for a feature within a network, the

8   system comprising:

9   a storage device storing a program;

10   a processor in communication with the storage device, the processor

11   operative with the program to:

12   search locally for the code for the feature, wherein the feature comprises a

13   plurality of sub-features;

14   request the code for at least one sub-feature from a server component in

15   the network;

16   receive code for at least one sub-feature from the server component; and

17   activate the at least one sub-feature received from the server component.

18   86.   A system for deploying computer code for a feature within a network, the

19   system comprising:

20   a storage device storing a program;

21   a processor in communication with the storage device, the processor

22   operative with the program to:

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1   receive a request for the code for the feature from a component within the

2   network, wherein the feature comprises at least one sub-feature;

3   search locally for the code for the at least one sub-feature; and

4   determine whether the component has capability to process code for any

5   sub-features of the feature.

6   87.   A system for deploying computer code for a feature within a network, the

7   system comprising:

8   a storage device storing a program;

9   a processor in communication with the storage device, the processor

10   operative with the program to:

11   receive code for a feature;

12   determine whether a client needs the feature; and

13   transfer the code for the feature to at least one client.

14   88.   A system for deploying computer code for a feature within a network, the

15   system comprising:

16   a storage device storing a program;

17   a processor in communication with the storage device, the processor

18   operative with the program to:

19   receive a request for the code for the feature, wherein the feature

20   comprises a plurality of sub-features;

21   search locally for the code for the feature;

22   request the code for the feature from a server component within the

23   network;

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1   receive information from the server component within the network about

2   the sub-features;

3   search locally for the code for the sub-features;

4   request the code for at least one sub-feature from the server component

5   within the network;

6   receive the code for the at least one sub-feature from the server component

7   within the network; and

8   activate the at least one sub-feature.

9   89.   A system for deploying computer code for a feature within a network, the

10   system comprising:

11   a storage device storing a program;

12   a processor in communication with the storage device, the processor

13   operative with the program to:

14   receive a request for the code for the feature from a first component within

15   the network, wherein the feature comprises a plurality of sub-features;

16   send information to the first component about the sub-features;

17   receive a request for the code for at least one sub-feature from the first

18   component within the network;

19   search locally for the code for the at least one sub-feature; and

20   request the code for the at least one sub-feature from a second component

21   in the network.

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